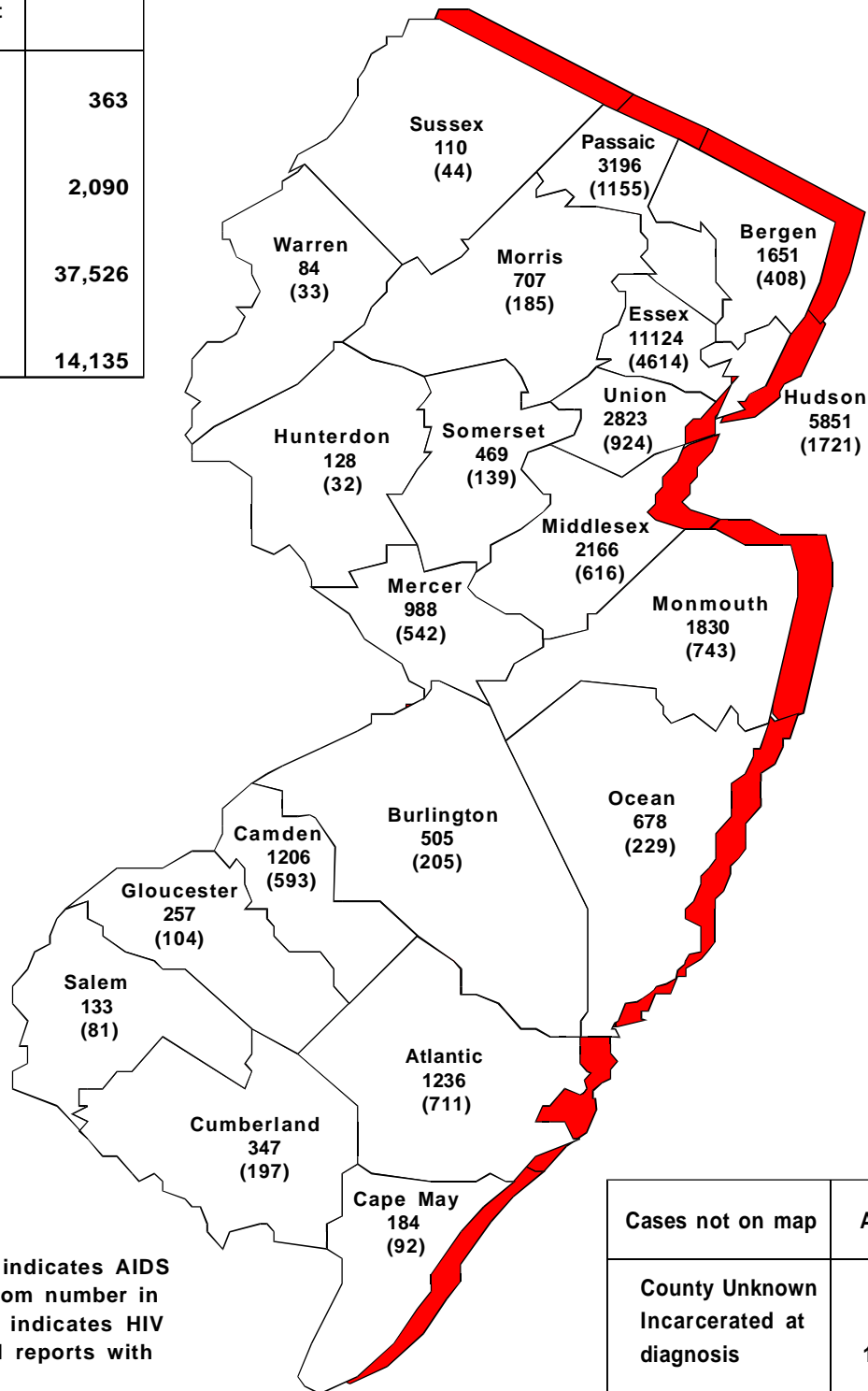


NEW JERSEY HIV/AIDS CASES

Reported as of December 31, 1998

HIV/AIDS Report Summary	
Current Quarter Increase-AIDS	363
Current Year Increase-AIDS	2,090
Cumulative Total AIDS	37,526
Cumulative Total HIV+ Only	14,135



Note: Top number indicates AIDS reports. Bottom number in parentheses indicates HIV unduplicated reports with identifiers.

Cases not on map	AIDS	HIV
County Unknown	26	52
Incarcerated at diagnosis	1,827	715

**Table 1. New Jersey AIDS Cases Reported January 1998-December 1998
and Cumulative Totals as of December 31, 1998
Age at Diagnosis, by Sex**

Age Group	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Age Group Totals
	Jan. 1998- Dec. 1998		Cumulative Total		Jan. 1998- Dec. 1998		Cumulative Total		Jan. 1998- Dec. 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
Under 5	5	0%	272	1%	7	1%	255	2%	12	1%	527	1%	48%
5-12	4	0%	80	0%	5	1%	90	1%	9	0%	170	0%	53%
13-19	4	0%	102	0%	5	1%	61	1%	9	0%	163	0%	37%
20-29	117	8%	3,486	13%	85	11%	1,928	18%	202	10%	5,414	14%	36%
30-39	553	40%	12,432	46%	351	47%	5,071	49%	904	43%	17,503	47%	29%
40-49	490	36%	7,826	29%	221	30%	2,251	22%	711	33%	10,077	27%	22%
Over 49	204	15%	2,902	11%	72	10%	770	7%	276	13%	3,672	10%	21%
Total	1,377	100%	27,100	100%	746	100%	10,426	100%	2,123	100%	37,526	100%	28%

**Table 2. AIDS Cases by State of Residence
Reported to CDC as of December 31, 1998**

STATE OF RESIDENCE	CUMULATIVE TOTAL SINCE JUNE 1981					
	Adult/Adolescent		Children		Total	
	No.	(%)	No.	(%)	No.	(%)
New York	126,495	19%	2,180	26%	128,675	19%
California	109,481	16%	575	7%	110,056	16%
Florida	68,939	10%	1,337	16%	70,276	10%
Texas	47,994	7%	356	4%	48,350	7%
New Jersey	37,517	6%	713	8%	38,230	6%
Puerto Rico	21,915	3%	382	5%	22,297	3%
Illinois	21,442	3%	242	3%	21,684	3%
Pennsylvania	20,755	3%	285	3%	21,040	3%
Georgia	19,816	3%	191	2%	20,007	3%
Maryland	18,430	3%	286	3%	18,716	3%
Remainder of US	186,955	28%	1,914	23%	188,869	27%
Total	679,739	100%	8,461	100%	688,200	100%

**Table 3. Deaths Among New Jersey Residents
Reported With AIDS, By Half Year of Death**

Half-Year of Death	Number	% Change
1995 Jan-Jun	1543	-
Jul-Dec	1403	-10%
1996 Jan-Jun	1155	-21%
Jul-Dec	901	-28%
1997 Jan-Jun	701	-29%
Jul-Dec	619	-13%
1998 Jan-Jun	509	-22%
Jul-Dec*	247	-106%

*Preliminary data, mortality reporting not complete

**Table 4. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1998-December 1998
and Cumulative Totals as of December 31, 1998
Mode of Transmission by Sex**

Mode of Transmission (2)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1998-Dec. 1998		Cumulative Total		Jan. 1998-Dec. 1998		Cumulative Total		Jan. 1998-Dec. 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (3)	333	24%	7,631	29%	0	0%	0	0%	333	16%	7,631	21%	0%
IDU (3)	441	32%	12,705	47%	224	31%	4,975	49%	665	32%	17,680	48%	28%
MSM/IDU	52	4%	1,458	5%	0	0%	0	0%	52	2%	1,458	4%	0%
Hemophilia	3	0%	166	1%	0	0%	2	0%	3	0%	168	0%	1%
Heterosexual	120	9%	1,511	6%	236	32%	3,265	32%	356	17%	4,776	13%	68%
Transfusion	8	1%	221	1%	11	1%	235	2%	19	1%	456	1%	52%
Other/Unknown	411	30%	3,056	11%	263	36%	1,604	16%	674	32%	4,660	13%	34%
Total	1,368	100%	26,748	100%	734	100%	10,081	100%	2,102	100%	36,829	100%	27%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) MSM = Male sex with male. IDU = Injection drug use.

**Table 5. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1998-December 1998
and Cumulative Totals as of December 31, 1998
Adjusted (2) Mode of Transmission by Sex**

Mode of Transmission (3)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1998-Dec. 1998		Cumulative Total		Jan. 1998-Dec. 1998		Cumulative Total		Jan. 1998-Dec. 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (4)	524	38%	9,047	34%	0	0%	0	0%	524	25%	9,047	25%	0%
IDU (4)	577	42%	13,712	51%	301	41%	5,444	54%	878	42%	19,156	52%	28%
MSM/IDU	68	5%	1,576	6%	0	0%	0	0%	68	3%	1,576	4%	0%
Heterosexual	168	12%	1,866	7%	394	54%	4,225	42%	562	27%	6,091	17%	69%
Blood Related	21	2%	460	2%	30	4%	355	4%	51	2%	815	2%	44%
Others	10	1%	87	0%	8	1%	56	1%	18	1%	143	0%	39%
Total (2)	1,368	100%	26,748	100%	733	100%	10,080	100%	2,101	100%	36,828	100%	27%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) MSM = Male sex with male. IDU = Injection drug use.

**Table 6. Deaths Among New Jersey Residents
Reported With AIDS, By Half Year of Death**

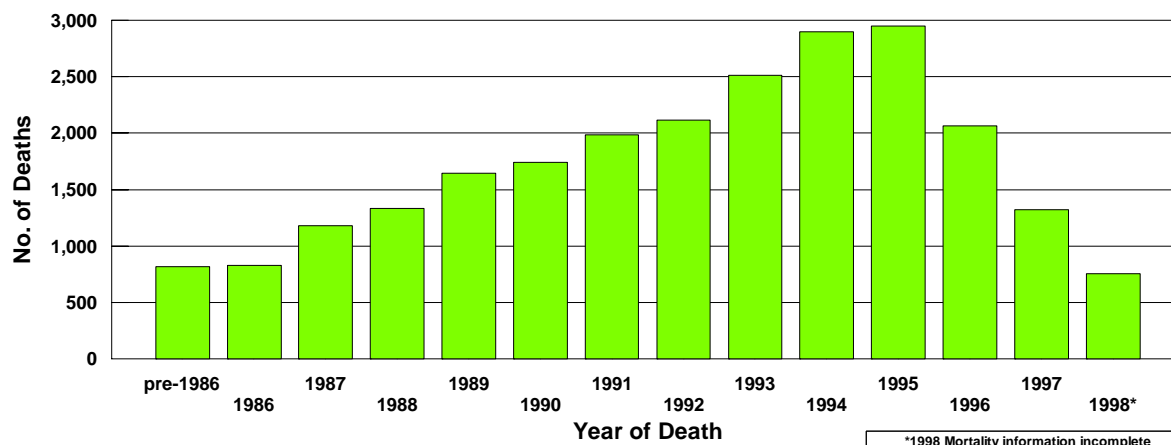
Mode of Transmission (2)	MALE		FEMALE		TOTAL	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	11	3%	0	0%	11	2%
Mother With/At Risk of AIDS (3)	331	94%	329	95%	660	95%
Transfusion/Blood Components	8	2%	9	3%	17	2%
Other/Unknown	2	1%	7	2%	9	1%
Total	352	100%	345	100%	697	100%

(1) Includes all patients under 13 years of age at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

**Figure 1. New Jersey AIDS Cases as of December 31, 1998
Number of Deaths by Year of Death**



**Table 7. New Jersey Adult/Adolescent (1) AIDS Cases
Mode of Transmission by Sex and Racial/Ethnic Group,
Cumulative Data as of December 31, 1998**

Mode of Transmission (2)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	3,955	48%	2,415	18%	1,211	27%	0	0%	0	0%	0	0%
IDU	2,719	33%	7,804	57%	2,157	47%	1,018	51%	3,417	52%	524	37%
MSM/IDU	441	5%	772	6%	240	5%	0	0%	0	0%	0	0%
Hemophilia	116	1%	27	0%	20	0%	2	0%	0	0%	0	0%
Heterosexual	269	3%	925	7%	306	7%	584	29%	2,025	31%	643	45%
Transfusion	131	2%	59	0%	25	1%	94	5%	107	2%	28	2%
Other/Unknown	678	8%	1,727	13%	604	13%	304	15%	1,053	16%	234	16%
Total	8,309	100%	13,729	100%	4,563	100%	2,002	100%	6,602	100%	1,429	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 8. New Jersey Adult/Adolescent (1) AIDS Cases
Adjusted (2) Mode of Transmission by Sex and Racial/Ethnic Group
Cumulative Data as of December 31, 1998**

Mode of Transmission (3)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,352	52%	3,000	22%	1,415	31%	0	0%	0	0%	0	0%
IDU	2,857	34%	8,589	63%	2,431	53%	1,084	54%	3,805	58%	610	43%
MSM/IDU	463	6%	850	6%	267	6%	0	0%	0	0%	0	0%
Heterosexual	336	4%	1,155	8%	386	8%	584	29%	2,641	40%	779	55%
Blood Related	272	3%	106	1%	52	1%	129	6%	148	2%	37	3%
Others	30	0%	28	0%	11	0%	18	1%	9	0%	3	0%
Total (2)	8,310	100%	13,728	100%	4,562	100%	2,001	100%	6,603	100%	1,429	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 9. New Jersey AIDS Cases Reported January 1998-December 1998
Racial/Ethnic Group by Sex, and Cumulative Totals
Data as of December 31, 1998**

Adults/ Adolescents (1)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1998- Dec. 1998		Cumulative Total		Jan. 1998- Dec. 1998		Cumulative Total		Jan. 1998- Dec. 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	340	25%	8,309	31%	121	16%	2,002	20%	461	22%	10,311	28%	19%
Black	762	56%	13,729	51%	527	72%	6,602	65%	1,289	61%	20,331	55%	32%
Hispanic	256	19%	4,563	17%	82	11%	1,429	14%	338	16%	5,992	16%	24%
Asian/Pac. Isl.	7	1%	92	0%	3	0%	35	0%	10	0%	127	0%	28%
Other/Unknown	3	0%	55	0%	1	0%	13	0%	4	0%	68	0%	19%
Subtotal	1,368	100%	26,748	100%	734	100%	10,081	100%	2,102	100%	36,829	100%	27%
Known Dead	261	19%	17,753	66%	123	17%	5,944	59%	384	18%	23,697	64%	25%
Children (2)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1998- Dec. 1998		Cumulative Total		Jan. 1998- Dec. 1998		Cumulative Total		Jan. 1998- Dec. 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	0	0%	58	16%	2	17%	57	17%	2	10%	115	16%	50%
Black	6	67%	223	63%	9	75%	227	66%	15	71%	450	65%	50%
Hispanic	3	33%	70	20%	1	8%	59	17%	4	19%	129	19%	46%
Other/Unknown	0	0%	1	0%	0	0%	2	1%	0	0%	3	0%	67%
Subtotal	9	100%	352	100%	12	100%	345	100%	21	100%	697	100%	49%
Known Dead	5	56%	230	65%	1	8%	219	63%	6	29%	449	64%	49%
Total Known Dead	266	19%	17,983	66%	124	17%	6,163	59%	390	18%	24,146	64%	26%
(1) Includes all patients 13 years of age or older at time of diagnosis. (2) Includes all patients under 13 years of age at time of diagnosis.													

Table 10. HIV Reports Received Through December 31, 1998

Anonymous Reports	1,241	
Unduplicated Reports with Identifiers	<u>24,967</u>	
Total Number of Reports	26,208	
Reports with Identifiers		24,967
Out of State Reports	403	
Missing Data/Under Investigation	67	
Changed to AIDS Classification	<u>10,362</u>	
		<u>10,832</u>
Number HIV Reports Included in Tables		14,135

**Table 11. Persons Living with HIV Infection (not AIDS) and with AIDS, by New Jersey County
Cumulative Data as of December 31, 1998**

	Living with HIV (not AIDS)		Living with AIDS		Total	
County of Residence	No.	(%)	No.	(%)	No.	(%)
Atlantic	655	5%	533	4%	1,188	5%
Bergen	375	3%	557	4%	932	4%
Burlington	185	1%	159	1%	344	1%
Camden	553	4%	453	3%	1,006	4%
Cape May	83	1%	80	1%	163	1%
Cumberland	186	1%	161	1%	347	1%
Essex	4,113	32%	3,765	28%	7,878	30%
Gloucester	99	1%	90	1%	189	1%
Hudson	1,571	12%	1,986	15%	3,557	14%
Hunterdon	29	0%	44	0%	73	0%
Mercer	493	4%	379	3%	872	3%
Middlesex	572	4%	770	6%	1,342	5%
Monmouth	670	5%	651	5%	1,321	5%
Morris	173	1%	273	2%	446	2%
Ocean	203	2%	199	1%	402	2%
Passaic	1,041	8%	1,150	9%	2,191	8%
Salem	76	1%	59	0%	135	1%
Somerset	129	1%	194	1%	323	1%
Sussex	42	0%	38	0%	80	0%
Union	854	7%	1,072	8%	1,926	7%
Warren	32	0%	35	0%	67	0%
Incarcerated	678	5%	713	5%	1,391	5%
Unknown County	46	0%	19	0%	65	0%
Total	12,858	100%	13,380	100%	26,238	100%

**Table 12. New Jersey HIV Reports With Identifiers
Pediatric Reports (1), Distribution of Mode Of Transmission (2)
Cumulative Data as of December 31, 1998**

	Male		Female		Total	
Mode of Transmission	No.	(%)	No.	(%)	No.	(%)
Mother With/At Risk of AIDS (3)	682	99%	682	98%	1364	99%
Transfusion, Blood Components	1	0%	4	1%	5	0%
Other/Unknown	6	1%	9	1%	15	1%
Total	689	100%	695	100%	1,384	100%

(1) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from infected mother to her fetus or infant during the perinatal period.

**New Jersey HIV Reports with Identifiers
Data as of December 31, 1998**

Table 13. Racial/Ethnic Group by Sex

Race/Ethnicity	Adults/Adolescents (1)						Females	Children (2)						Females
	Male		Female		Total		as % of	Male		Female		Total		as % of
	No.	(%)	No.	(%)	No.	(%)	row total	No.	(%)	No.	(%)	No.	(%)	row total
White	1,651	21%	826	17%	2,477	19%	33%	74	11%	86	12%	160	12%	54%
Black	4,360	56%	3,180	64%	7,540	59%	42%	500	73%	496	71%	996	72%	50%
Hispanic	1,602	21%	857	17%	2,459	19%	35%	110	16%	110	16%	220	16%	50%
Other/Unknown	193	2%	82	2%	275	2%	30%	5	1%	3	0%	8	1%	38%
Total	7,806	100%	4,945	100%	12,751	100%	39%	689	100%	695	100%	1,384	100%	50%

Table 14. Adult/Adolescent Reports, Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							
MSM	1,623	21%	0	0%	1,623	13%	0%
IDU	3,144	40%	1,804	36%	4,948	39%	36%
MSM/IDU	316	4%	0	0%	316	2%	0%
Hemophilia	33	0%	0	0%	33	0%	0%
Heterosexual	658	8%	1,544	31%	2,202	17%	70%
Transfusion	29	0%	59	1%	88	1%	67%
Other/Unknown	2,003	26%	1,538	31%	3,541	28%	43%
Total	7,806	100%	4,945	100%	12,751	100%	39%

Table 15. Adult/Adolescent Reports, Adjusted (4) Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							
MSM	2,556	33%	0	0%	2,556	20%	0%
IDU	3,808	49%	2,255	46%	6,063	48%	37%
MSM/IDU	394	5%	0	0%	394	3%	0%
Heterosexual	892	11%	2,468	50%	3,360	26%	73%
Blood Related	110	1%	173	3%	283	2%	61%
Other/Unknown	43	1%	48	1%	91	1%	53%
Total (4)	7,803	100%	4,944	100%	12,747	100%	39%

Table 16. Age at Diagnosis of HIV Infection

Age Group	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Under 5	665	8%	654	12%	1,319	9%
5-12	24	0%	41	1%	65	0%
13-19	92	1%	186	3%	278	2%
20-29	1,734	20%	1,597	28%	3,331	24%
30-39	3,470	41%	2,161	38%	5,631	40%
40-49	1,917	23%	759	13%	2,676	19%
50-59	459	5%	181	3%	640	5%
Over 60	132	2%	60	1%	192	1%
Unknown	2	0%	1	0%	3	0%
Total	8,495	100%	5,640	100%	14,135	100%

(1) Includes all patients 13 years of age or older at time of the first positive HIV confirmatory test.

(2) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

1998 Summary

At the close of 1998, a total of 37,526 AIDS cases have been reported in New Jersey. In 1998, there were 2,123 AIDS case reports which represented a 34% decline from the previous year of 3,201 case reports. This past year marked the lowest increase in AIDS reports since 1992.

Cumulative through December 1998, 14,135 HIV reports have been received from persons who have not developed AIDS. Of these, 2,039 were reported in 1998. The number of HIV reports received in 1998 was slightly higher (2%) than the previous year, in which 1,992 HIV reports were made.

Currently, there are a total of 26,238 persons reported living with HIV/AIDS in New Jersey, a net increase of 1,498 persons from the 24,740 individuals known to be living with HIV/AIDS at the end of 1997. This number will continue to increase, as new persons are diagnosed and deaths continue to decline.

Adjusted Mode of Transmission. Several tables (Tables 5, 8, 15) reflect adjustments in reported transmission category. These adjustments are necessary because of the continuing increase in reports submitted with no indication of HIV exposure. In the adjusted tables, reports received with unknown risk are reallocated to other categories, based on field investigations of unknown and selected other risks. The proportions in the corresponding standard tables (Tables 4, 7, 14) can be misleading due to the larger numbers of unreported transmission categories. The adjusted tables provide a better picture of actual transmission patterns and provide information for prevention and education efforts. Because of small cell sizes and unstable estimates, the Hemophilia and Transfusion categories in the adjusted tables are combined into the Blood Related category.

- * Visit the N.J. Department of Health and Senior Services WEB Site: www.state.nj.us/health.
- * To be added to our mailing list or to request other data or information, contact us at 609-984-5980 or e-mail sjc@doh.state.nj.us.
- * Questions? New Jersey HIV/AIDS HOTLINE: 1-800-624-2377.